

Converting Colors

XYZ(80.9888, 86.5161, 86.6237)

Have a look what the booklet for
XYZ(80.9888, 86.5161, 86.6237)
contains.

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Color

**XYZ(80.8995, 86.3280,
86.5279)**

Conversions

Conversions Part 1

Format	Color
Hex	EFF0E5
RGB	239, 240, 229
RGB Percent	94%, 94%, 90%
CMY	0.0627, 0.0588, 0.1020
CMYK	0.00, 0.00, 0.05, 0.06
HSL	65°, 27%, 92%
HSV	65°, 5%, 94%
XYZ	80.8995, 86.3280, 86.5279
YIQ	238.4470, 2.9350, -3.6330

Conversions

Conversions Part 2

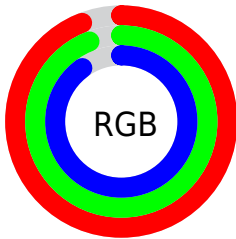
Format	Color
R _Y B	229, 240, 230
Decimal	15724773
CIE Lab	94.45, -2.24, 5.18
CIE LCh	94, 5.647, 113.370
Yxy	86.3280, 0.3188, 0.3402
Android (android.graphics.Color)	4293914853 (0xFFEFF0E5)
YUV	238.4470, -4.6574, 0.4850
Hunter-Lab	92.9129, -7.1770, 9.8234

Details

The XYZ color **80.8995, 86.3280, 86.5279** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.3840, 79.1553, 93.6952**, and the grayscale version is **81.6498, 85.9020, 93.5473**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.3089, 47.4043, 46.8590** is the 20% darker color. If you saturate the color by 10%, you get **77.0431, 84.7033, 70.0472**, and if you desaturate by 10%, it is **85.2331, 88.1502, 105.4529**.

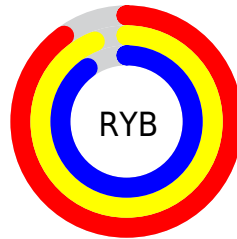
Distribution



Red (94%)

Green (94%)

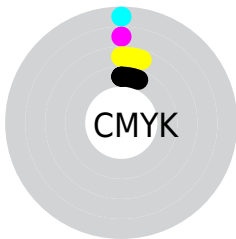
Blue (90%)



Red (90%)

Yellow (94%)

Blue (90%)

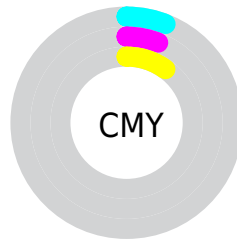


Cyan (0%)

Magenta (0%)

Yellow (5%)

Black (6%)



Cyan (6%)

Magenta (6%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.8995, 86.3280, 86.5279 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 80.8995, 86.3280, 86.5279 by changing the saturation by 10% instead.

80.8995, 86.3280,
86.5279

80.8995, 86.3280,
86.5279

486.6496,
516.0121, 536.9462

60.7698, 64.9392,
64.5472

133.5735,
142.2271, 144.3990

44.2913, 47.4118,
46.6450

166.8486,
177.5063, 181.1265

31.0985, 33.3613,
32.4028

205.2362,
218.1843, 223.6066

20.8260, 22.4034,
21.4020

249.1017,
264.6457, 272.2579

13.1086, 14.1536,
13.2240

298.8104,
317.2747, 327.4990

7.5809, 8.2276,
7.4505

354.7278,

3.8775, 4.2409,

376.4559, 389.7484

3.6627

417.2190,
442.5736, 459.4246

■ 1.6331, 1.8092,
1.4422

■ 0.4138, 0.4929,
0.1743

■ 80.8995, 86.3280,
86.5279

■ 80.8995, 86.3280,
86.5279

■ 77.0431, 84.7033,
70.0472

■ 85.2331, 88.1502,
105.4529

■ 73.6377, 83.2572,
55.9055

■ 86.3063, 88.6665,
107.1733

■ 70.6655, 81.9854,
43.9986

■ 87.0686, 89.0595,
107.2089

■ 68.1047, 80.8793,
34.2119

■ 87.8400, 89.4571,
107.2450

65.9316, 79.9292,
26.4206

88.6204, 89.8595,
107.2816

64.1200, 79.1248,
20.4871

89.4100, 90.2665,
107.3185

62.6405, 78.4541,
16.2562

90.2087, 90.6783,
107.3559

61.4587, 77.9037,
13.5477

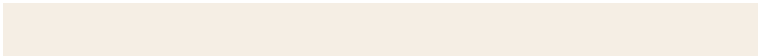
90.4518, 90.8036,
107.3673

60.5328, 77.4565,
12.1408

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.3897, 86.3280, 85.9331



80.8995, 86.3280, 86.5279



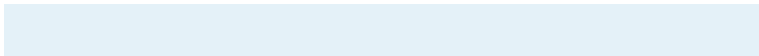
79.7314, 86.3280, 89.0953

Triad

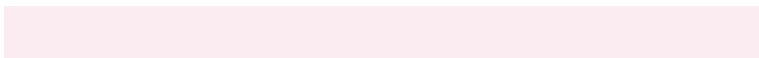
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.8995, 86.3280, 86.5279



80.3225, 86.3280, 100.8677



84.9866, 86.3280, 94.9653

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



80.8995, 86.3280, 86.5279



76.3840, 79.1553, 93.6952

Split Complementary

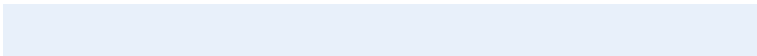
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.4176, 86.3280, 99.0742



80.8995, 86.3280, 86.5279



81.7155, 86.3280, 102.5492

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



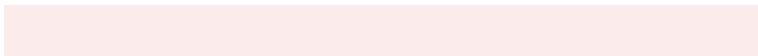
80.8995, 86.3280, 86.5279



79.4011, 86.3280, 97.3524



83.2157, 86.3280, 101.8830



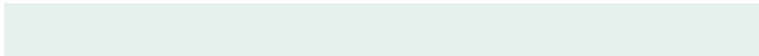
84.7616, 86.3280, 90.7186

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.8995, 86.3280, 86.5279



79.2863, 86.3280, 91.6237



83.2157, 86.3280, 101.8830



84.8816, 86.3280, 96.4099

Sweetspot

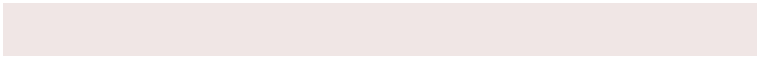
The Sweet Spot groups the original color and five complimentary colors.



80.9019, 86.3317, 86.5298



94.5565, 99.7927, 106.7480



78.3545, 80.7320, 85.5832



20.2442, 21.3619, 22.8712



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

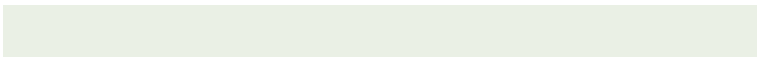
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.9019, 86.3317, 86.5298



92.1716, 98.7895, 96.4149



79.1011, 85.4034, 86.4455



17.2124, 18.4827, 17.8325



32.9599, 42.3130, 6.4301



2.7832, 3.5413, 0.5369

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



76.3840, 79.1553, 93.6952



85.4305, 88.0815, 107.1065



78.1489, 80.0651, 93.7778



15.8268, 16.2817, 20.0301



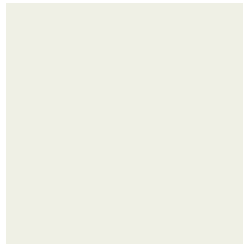
8.8368, 3.5609, 45.3494



0.7804, 0.3196, 3.7748

Previews

White Background



This preview shows how the XYZ color 80.8995, 86.3280, 86.5279 looks on a white background.

Color Contrast Check

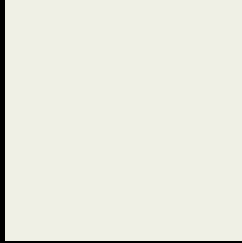
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 80.8995, 86.3280, 86.5279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

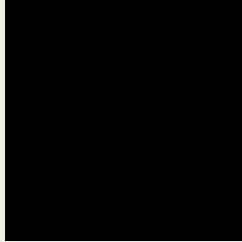
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

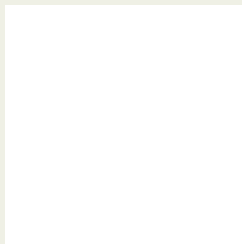
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.8995, 86.3280, 86.5279

Background



This preview shows how black text looks on a background with the XYZ color 80.8995, 86.3280, 86.5279.



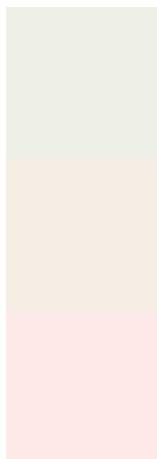
This preview shows how white text looks on a background with the XYZ color 80.8995, 86.3280,

86.5279.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

80.8995, 86.3280, 86.5279

Protanopia

82.5842, 86.3433, 85.7121

Deuteranopia

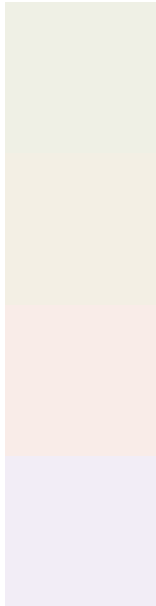
85.5141, 86.0462, 89.9434



Tritanopia

85.0076, 86.2656, 106.7783

Trichromacy



Original Color

80.8995, 86.3280, 86.5279

Protanomaly

81.8322, 86.3891, 85.7605

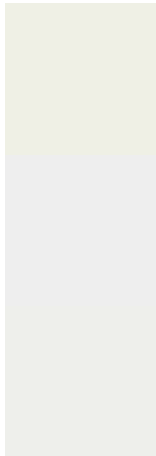
Deuteranomaly

83.6279, 85.9568, 88.5276

Tritanomaly

83.5367, 86.0994, 99.4048

Monochromacy



Original Color

80.8995, 86.3280, 86.5279

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

81.1218, 85.9083, 90.9036

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.8995, 86.3280, 86.5279 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(239, 240, 229) looks like.

```
.text, #text, p{  
    color:rgb(239, 240, 229)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(239, 240, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 240, 229) }
```

Border

The CSS property to change the border of an element to XYZ 80.8995, 86.3280, 86.5279 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(239, 240, 229) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(239, 240, 229) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(239, 240, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 240, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 240, 229);  
box-shadow:4px 4px 4px 4px rgb(239, 240,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 80.8995, 86.3280, 86.5279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 240, 229) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(239,  
240, 229) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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